Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN031221\
Data File : BN013932.D
Acq On : 12 Mar 2021 16:33
Operator : CG/JU
Sample : PB134983BS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SLCS983

Quant Time: Mar 12 17:10:49 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SFAM-EPA-SIM-BN031221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 12 13:33:49 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.71	152	4435	0.40	ng/ul	0.00
4) Naphthalene-d8	10.49	136	14895	0.40	ng/ul	0.00
9) Acenaphthene-d10	14.35	164	7416	0.40	ng/ul	0.00
13) Phenanthrene-d10	17.10	188	15856	0.40	ng/ul	0.00
17) Chrysene-d12	21.27	240	14526	0.40	ng/ul	0.00
23) Perylene-d12	23.50	264	11412	0.40	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.22	96	3537	0.74	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.09	152	8484	0.39	ng/ul	0.00
18) Fluoranthene-d10	19.13	212	16554	0.38	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.25	88	9311	1.872	ng/ul#	85
5) Naphthalene	10.54	128	16537	0.381	ng/ul	100
7) 2-Methylnaphthalene	12.16	142	10490	0.371	ng/ul	100
8) 1-Methylnaphthalene	12.39	142	10109	0.370	ng/ul	100
10) Acenaphthylene	14.07	152	11359	0.340	ng/ul	100
11) Acenaphthene	14.42	153	10426	0.375	ng/ul	99
12) Fluorene	15.40	166	11510	0.371	ng/ul	99
14) Pentachlorophenol	16.75	266	1509	0.557	ng/ul	98
15) Phenanthrene	17.14	178	19497	0.368	ng/ul	99
16) Anthracene	17.23	178	15720	0.360	ng/ul	100
19) Fluoranthene	19.16	202	21221	0.363	ng/ul	96
20) Pyrene	19.52	202	21586	0.357	ng/ul	98
21) Benzo(a)anthracene	21.26	228	20271	0.392	ng/ul	99
22) Chrysene	21.31	228	22933	0.401	ng/ul	99
24) Benzo(b)fluoranthene	22.83	252	22161	0.415	ng/ul	99
25) Benzo(k)fluoranthene	22.88	252	22133	0.410	ng/ul	100
26) Benzo(a)pyrene	23.41	252	17973	0.415	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	25.75	276	24483	0.426	ng/ul#	99
28) Dibenzo(a,h)anthracene	25.76	278	19721	0.425	ng/ul	99
29) Benzo(g,h,i)perylene	26.43	276	21278	0.416	ng/ul	100

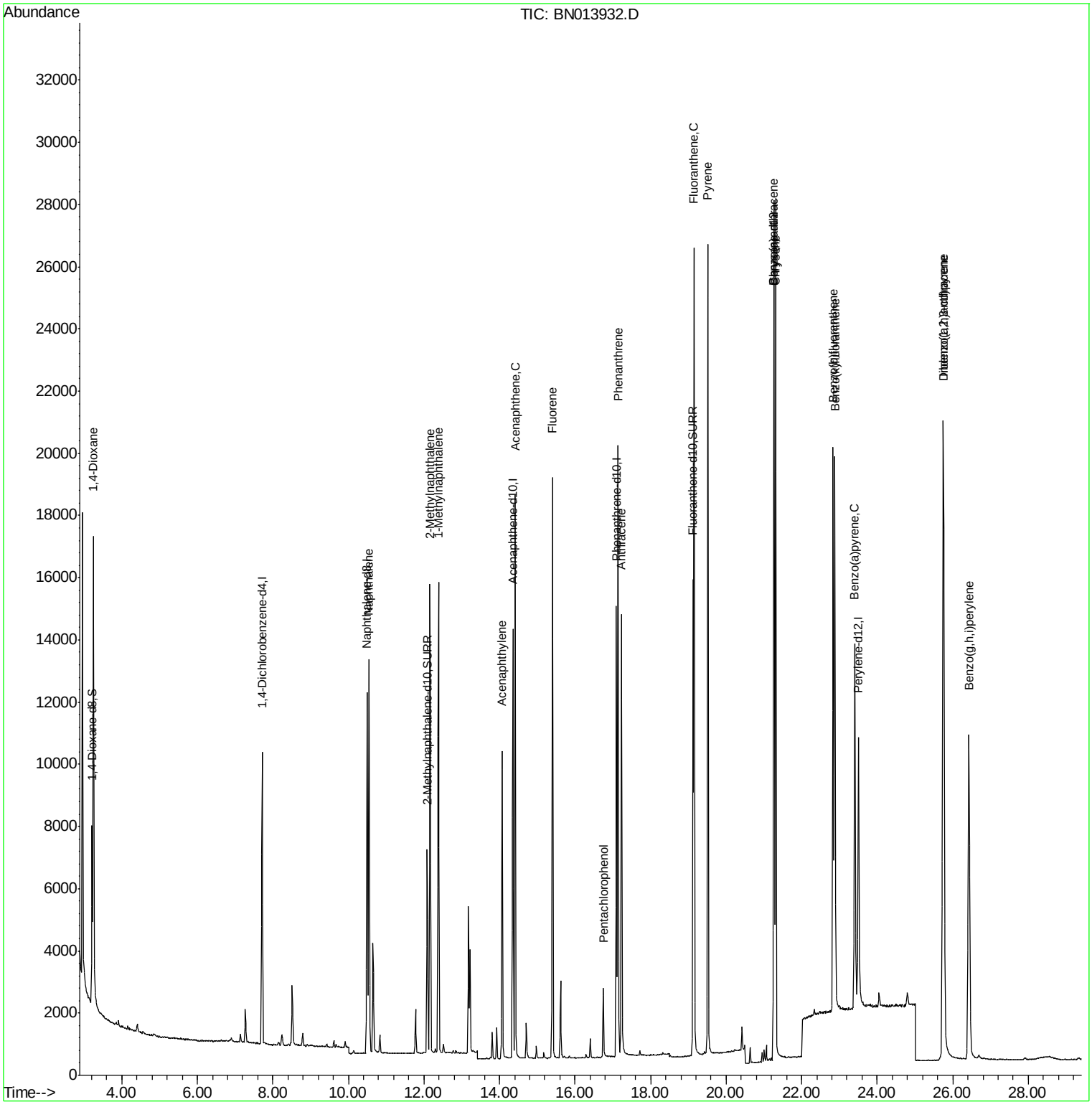
(#) = qualifier out of range (m) = manual integration (+) = signals summed

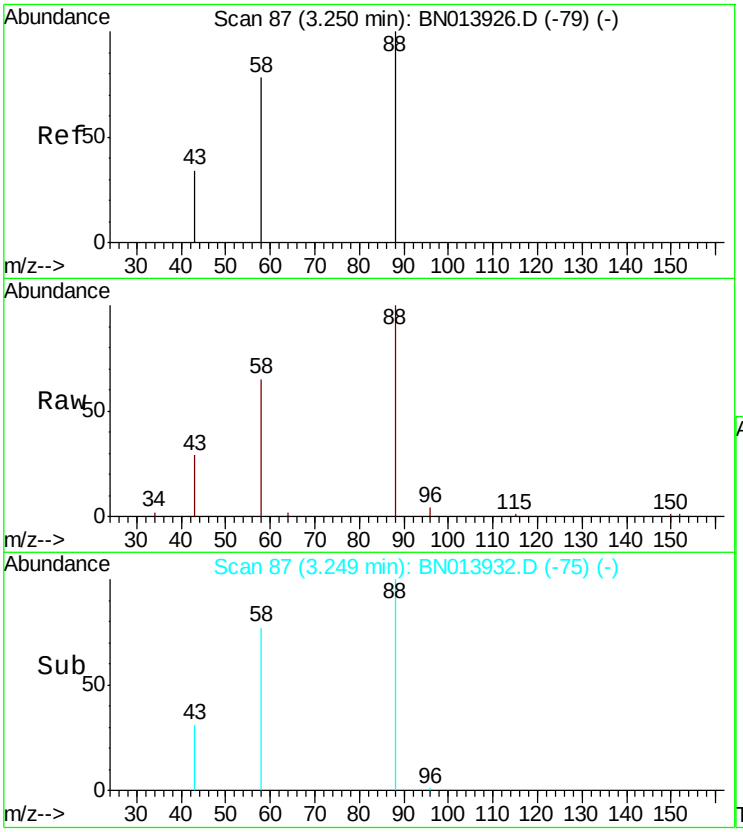
Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN031221\
Data File : BN013932.D
Acq On : 12 Mar 2021 16:33
Operator : CG/JU
Sample : PB134983BS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SLCS983

Quant Time: Mar 12 17:10:49 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SFAM-EPA-SIM-BN031221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 12 13:33:49 2021
Response via : Initial Calibration



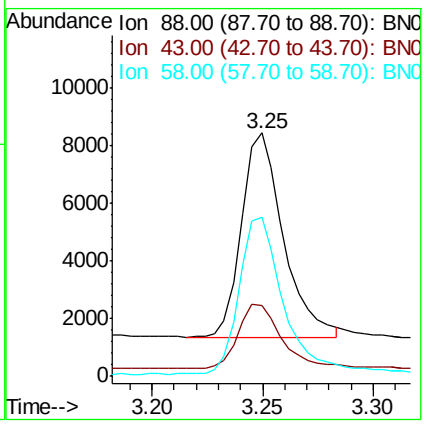


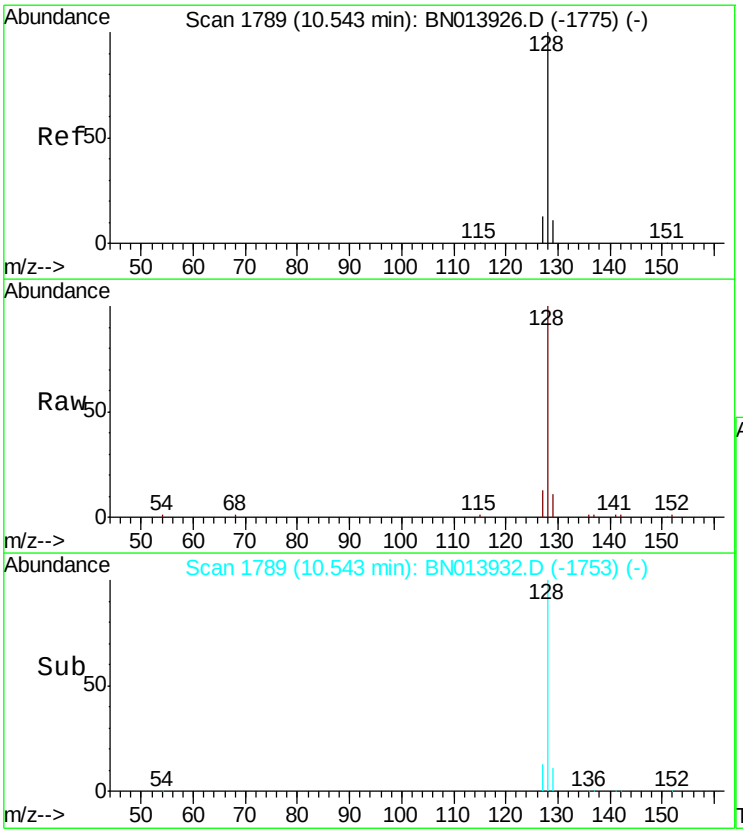
#2
1,4-Dioxane
Concen: 1.872 ng/ul
RT: 3.25 min Scan# 87
Delta R.T. -0.00 min
Lab File: BN013932.D
Acq: 12 Mar 2021 16:33

Instrument :
BNA_N
ClientSampleId :
SLCS983

Tgt Ion: 88 Resp: 9311

Ion	Ratio	Lower	Upper
88	100		
43	28.9	28.5	42.7
58	65.2	42.5	63.7#

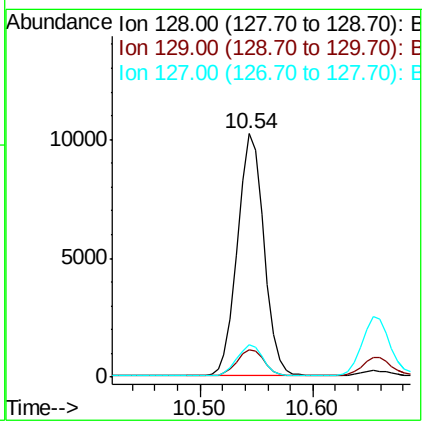


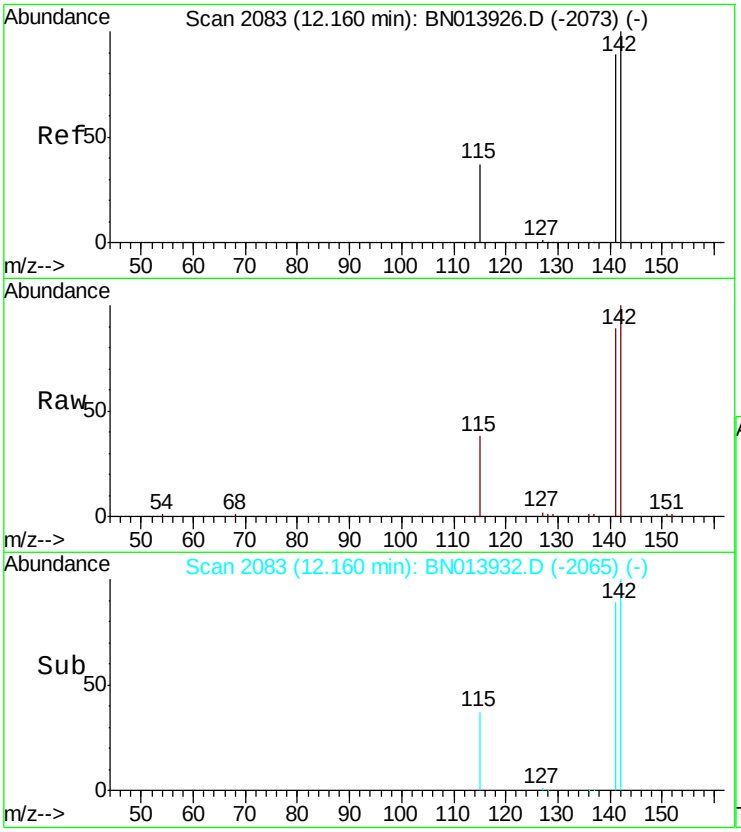


#5
Naphthalene
Concen: 0.381 ng/ul
RT: 10.54 min Scan# 1789
Delta R.T. -0.00 min
Lab File: BN013932.D
Acq: 12 Mar 2021 16:33

Tgt Ion:128 Resp: 16537

Ion	Ratio	Lower	Upper
128	100		
129	11.3	9.2	13.8
127	13.4	10.7	16.1



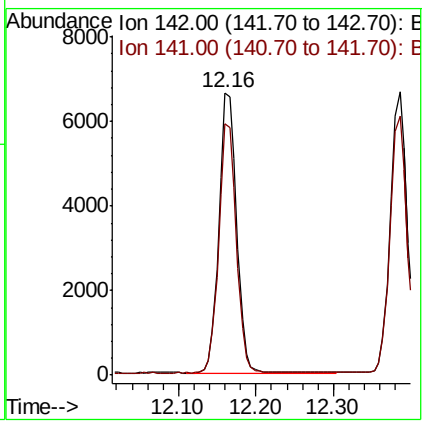


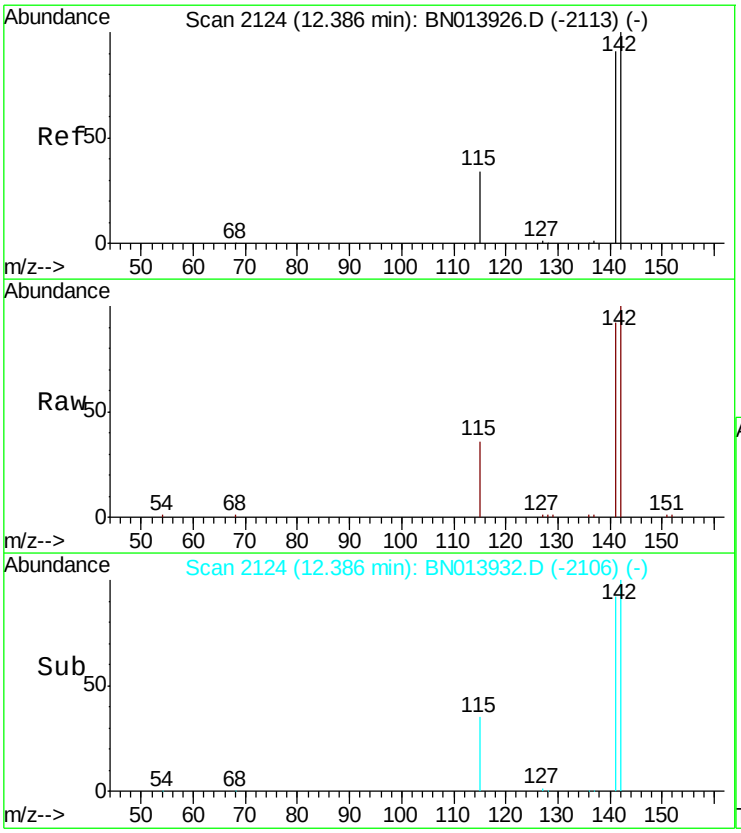
#7
2-Methylnaphthalene
Concen: 0.371 ng/ul
RT: 12.16 min Scan# 2083
Delta R.T. -0.00 min
Lab File: BN013932.D
Acq: 12 Mar 2021 16:33

Instrument :
BNA_N
ClientSampleId :
SLCS983

Tgt Ion:142 Resp: 10490

Ion	Ratio	Lower	Upper
142	100		
141	89.0	71.2	106.8

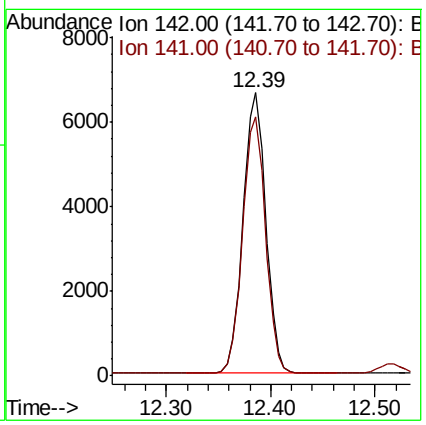


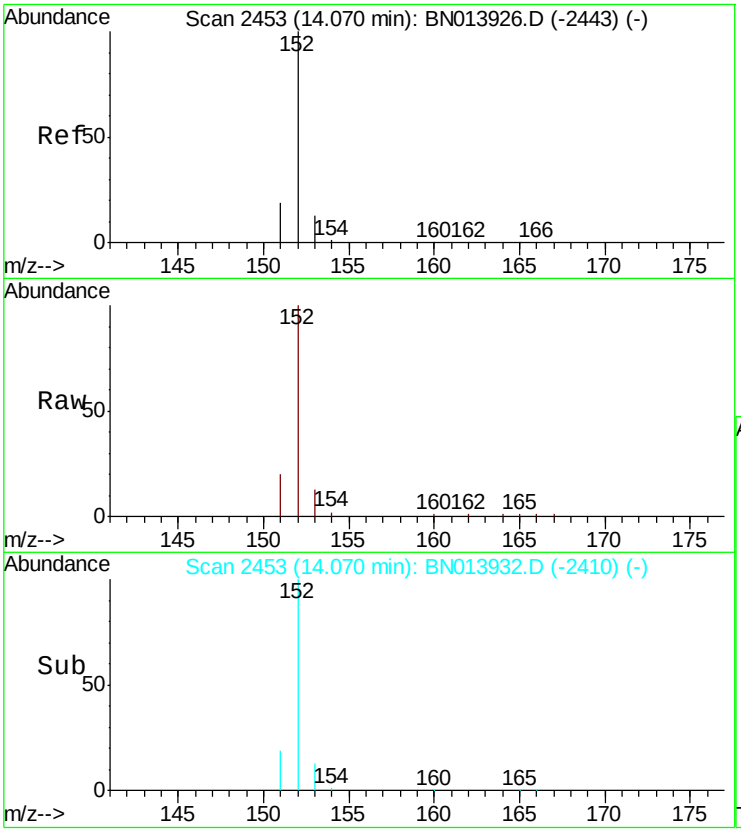


#8
1-Methylnaphthalene
Concen: 0.370 ng/ul
RT: 12.39 min Scan# 2124
Delta R.T. -0.00 min
Lab File: BN013932.D
Acq: 12 Mar 2021 16:33

Tgt Ion:142 Resp: 10109

Ion	Ratio	Lower	Upper
142	100		
141	92.0	73.5	110.3



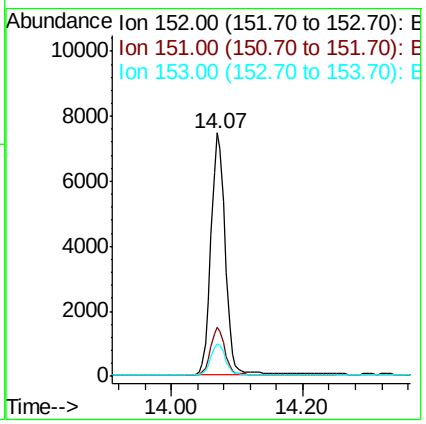


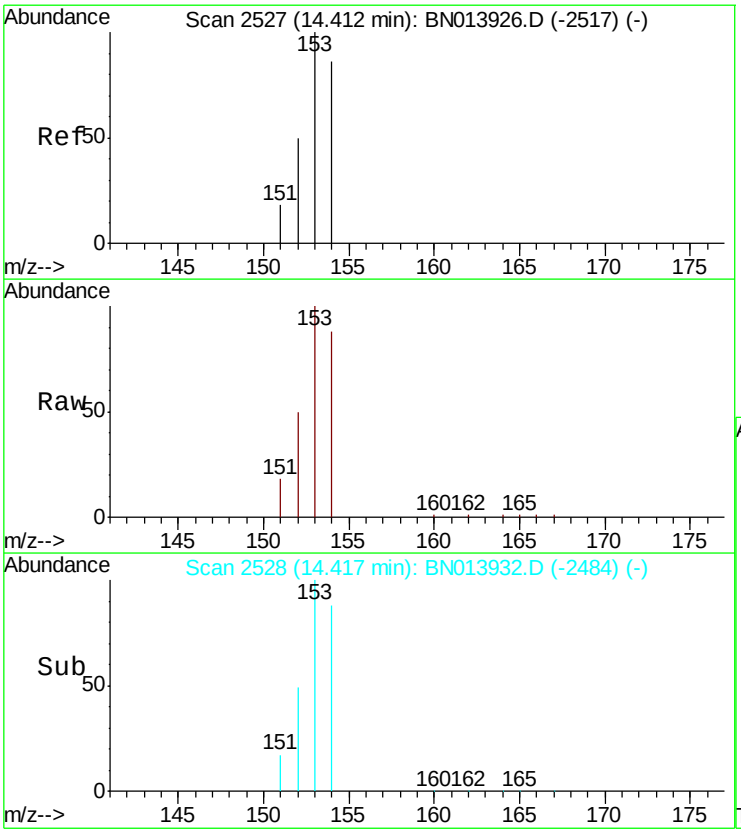
#10
Acenaphthylene
Concen: 0.340 ng/ul
RT: 14.07 min Scan# 2453
Delta R.T. -0.00 min
Lab File: BN013932.D
Acq: 12 Mar 2021 16:33

Instrument :
BNA_N
ClientSampleId :
SLCS983

Tgt Ion:152 Resp: 11359

Ion	Ratio	Lower	Upper
152	100		
151	19.9	15.9	23.9
153	13.4	10.9	16.3

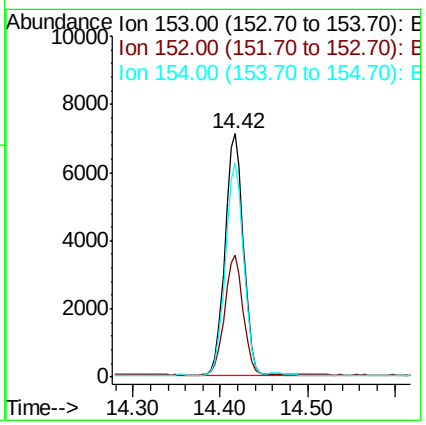


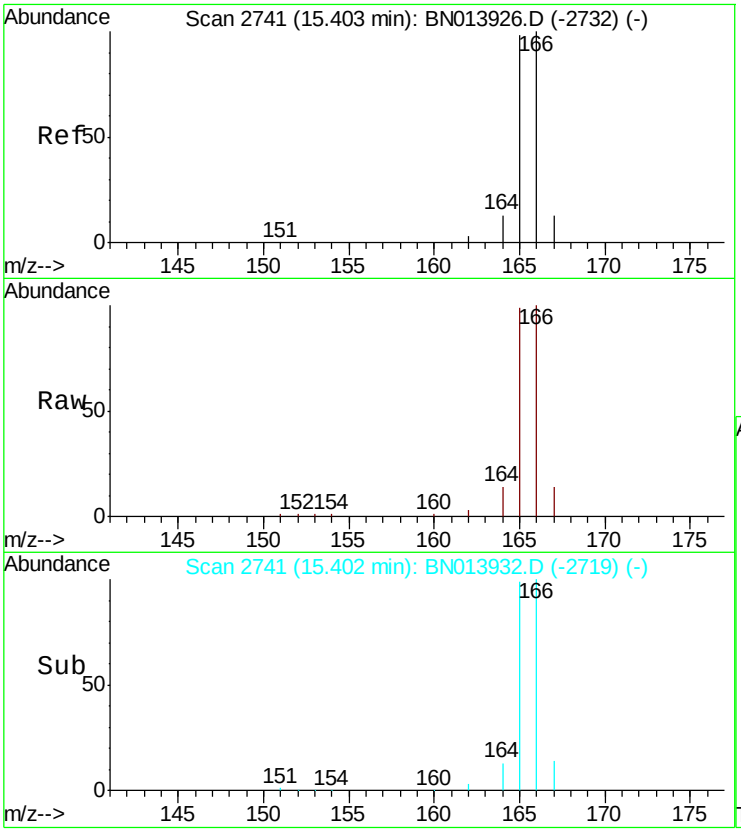


#11
Acenaphthene
Concen: 0.375 ng/ul
RT: 14.42 min Scan# 2528
Delta R.T. 0.00 min
Lab File: BN013932.D
Acq: 12 Mar 2021 16:33

Tgt Ion:153 Resp: 10426

Ion	Ratio	Lower	Upper
153	100		
152	50.0	40.5	60.7
154	88.0	69.3	103.9



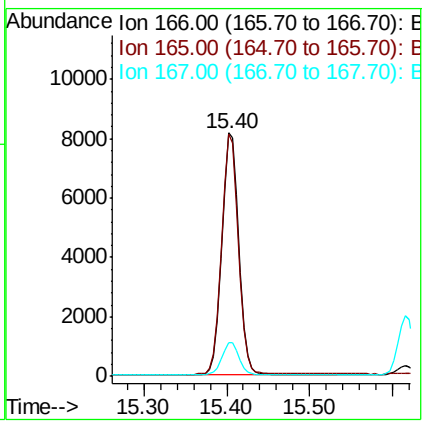


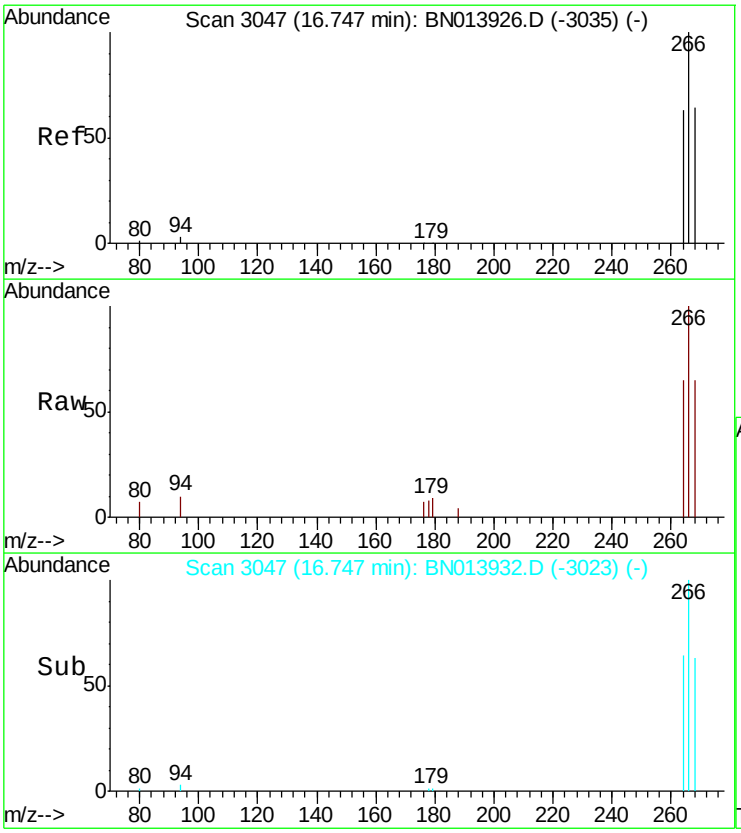
#12
Fluorene
Concen: 0.371 ng/ul
RT: 15.40 min Scan# 2741
Delta R.T. -0.00 min
Lab File: BN013932.D
Acq: 12 Mar 2021 16:33

Instrument :
BNA_N
ClientSampleId :
SLCS983

Tgt Ion:166 Resp: 11510

Ion	Ratio	Lower	Upper
166	100		
165	99.5	78.4	117.6
167	14.1	11.0	16.6

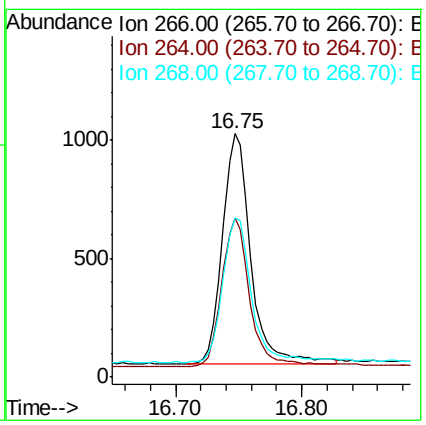


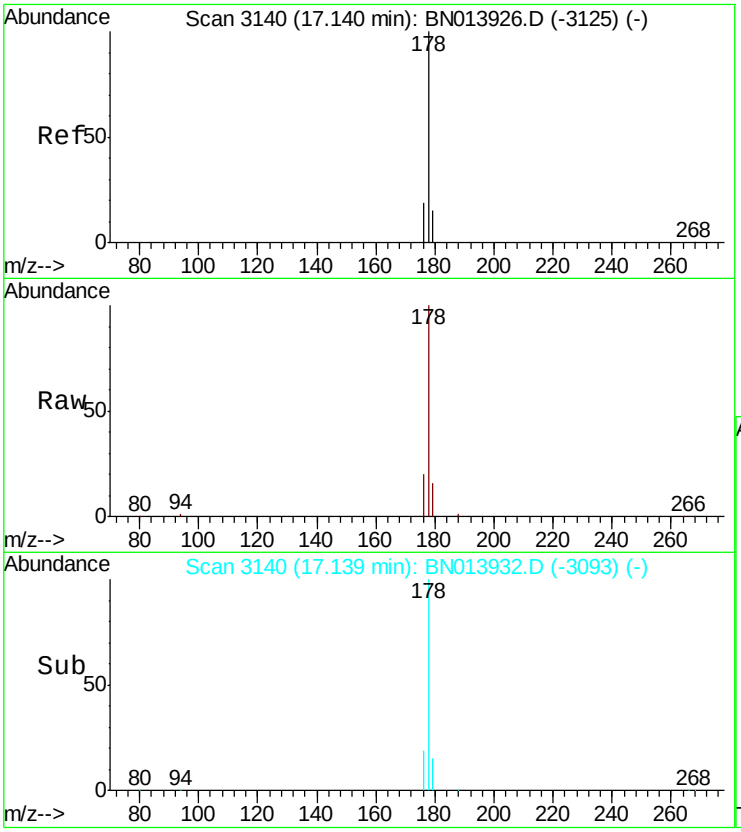


#14
Pentachlorophenol
Concen: 0.557 ng/ul
RT: 16.75 min Scan# 3047
Delta R.T. -0.00 min
Lab File: BN013932.D
Acq: 12 Mar 2021 16:33

Tgt Ion:266 Resp: 1509

Ion	Ratio	Lower	Upper
266	100		
264	64.1	49.2	73.8
268	64.9	52.3	78.5



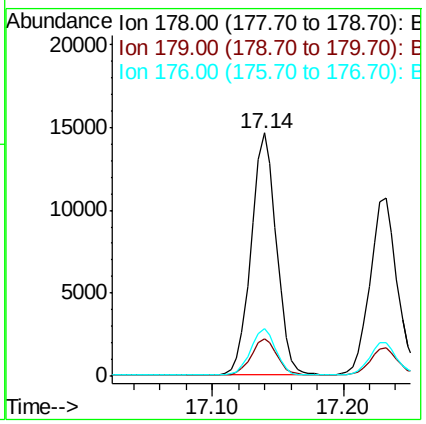


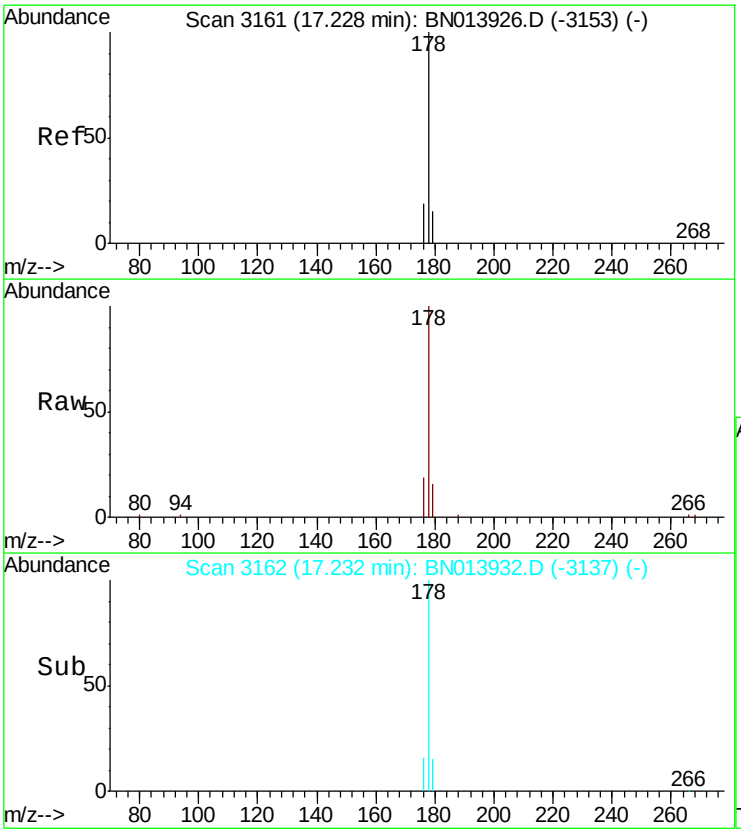
#15
Phenanthrene
Concen: 0.368 ng/ul
RT: 17.14 min Scan# 3140
Delta R.T. -0.00 min
Lab File: BN013932.D
Acq: 12 Mar 2021 16:33

Instrument :
BNA_N
ClientSampleId :
SLCS983

Tgt Ion:178 Resp: 19497

Ion	Ratio	Lower	Upper
178	100		
179	15.6	12.5	18.7
176	19.6	15.3	22.9

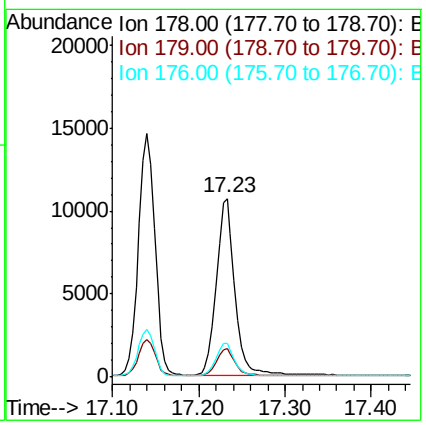


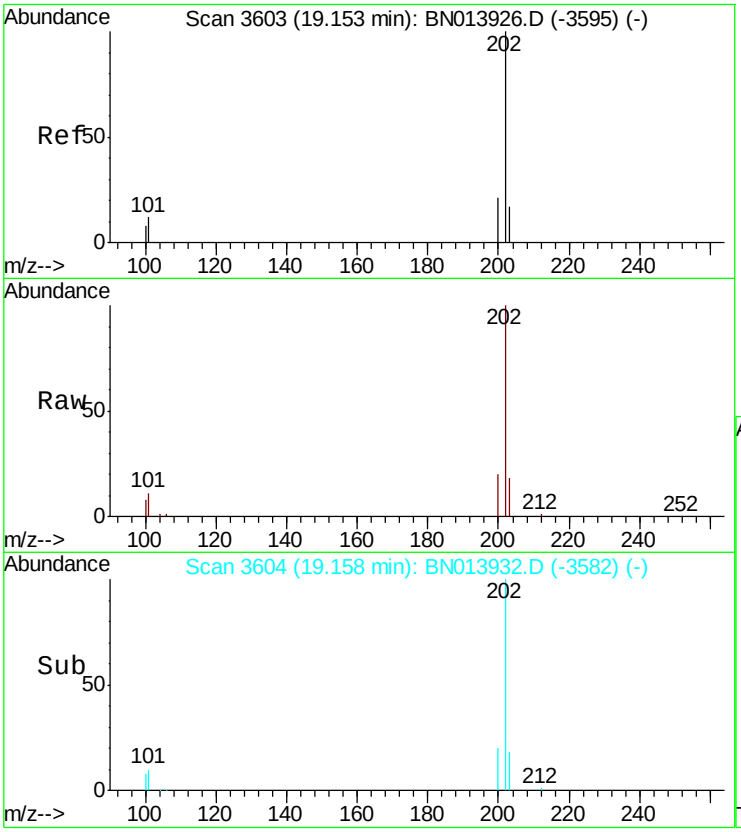


#16
Anthracene
Concen: 0.360 ng/ul
RT: 17.23 min Scan# 3162
Delta R.T. 0.00 min
Lab File: BN013932.D
Acq: 12 Mar 2021 16:33

Tgt Ion:178 Resp: 15720

Ion	Ratio	Lower	Upper
178	100		
179	15.8	12.6	18.8
176	18.9	15.4	23.0



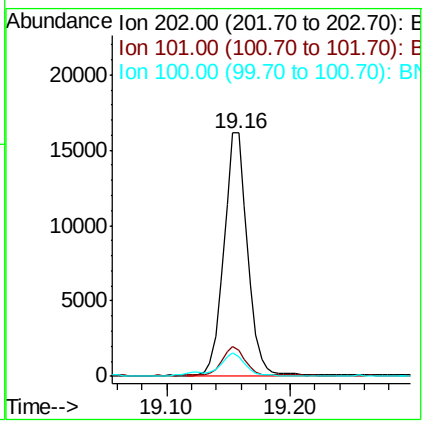


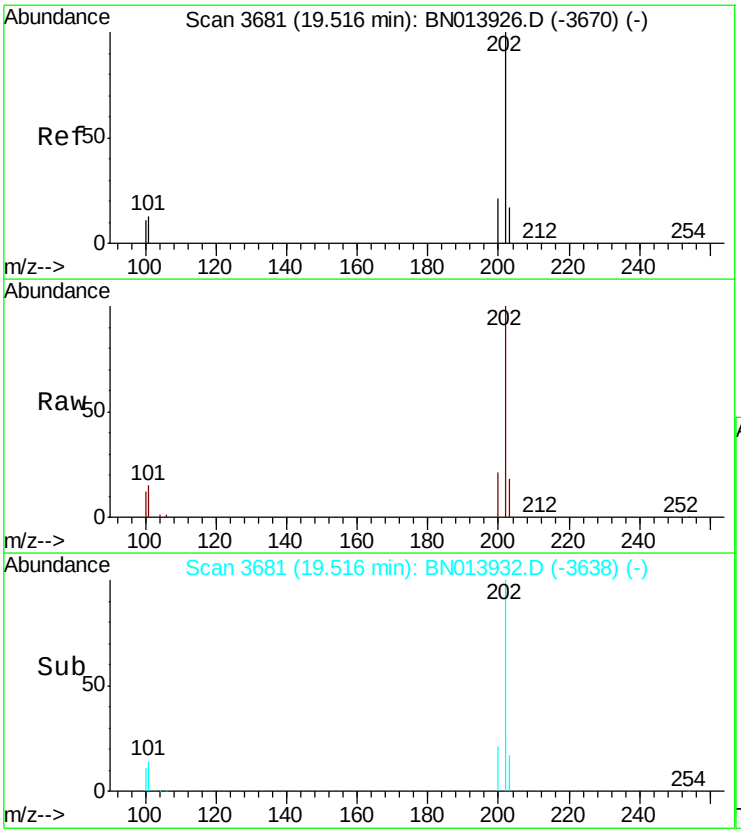
#19
Fluoranthene
Concen: 0.363 ng/ul
RT: 19.16 min Scan# 3604
Delta R.T. 0.00 min
Lab File: BN013932.D
Acq: 12 Mar 2021 16:33

Instrument :
BNA_N
ClientSampleId :
SLCS983

Tgt Ion:202 Resp: 21221

Ion	Ratio	Lower	Upper
202	100		
101	10.6	9.7	14.5
100	8.1	7.4	11.2

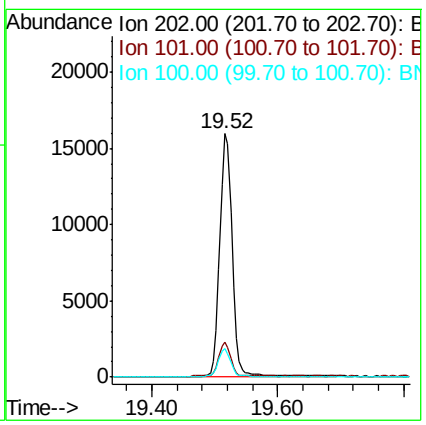


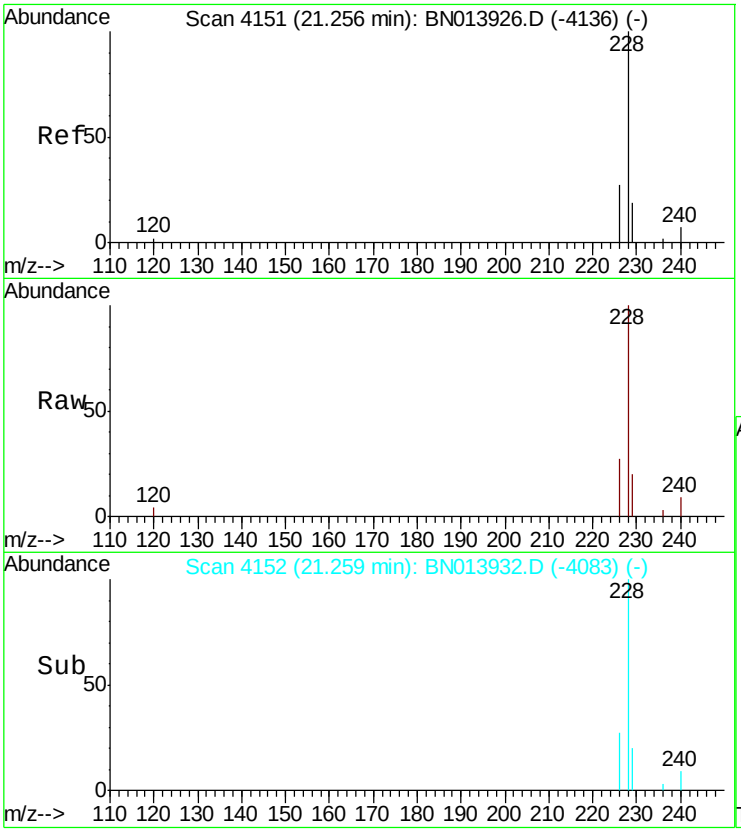


#20
Pyrene
Concen: 0.357 ng/ul
RT: 19.52 min Scan# 3681
Delta R.T. -0.00 min
Lab File: BN013932.D
Acq: 12 Mar 2021 16:33

Tgt Ion:202 Resp: 21586

Ion	Ratio	Lower	Upper
202	100		
101	14.5	11.0	16.4
100	11.7	9.0	13.4



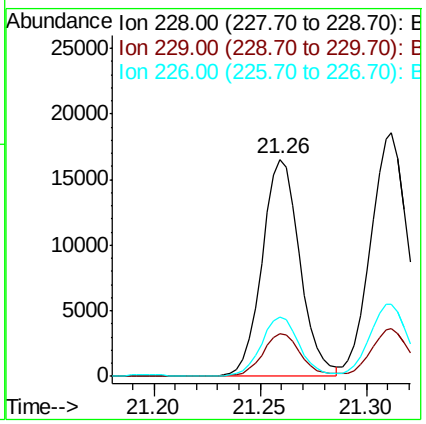


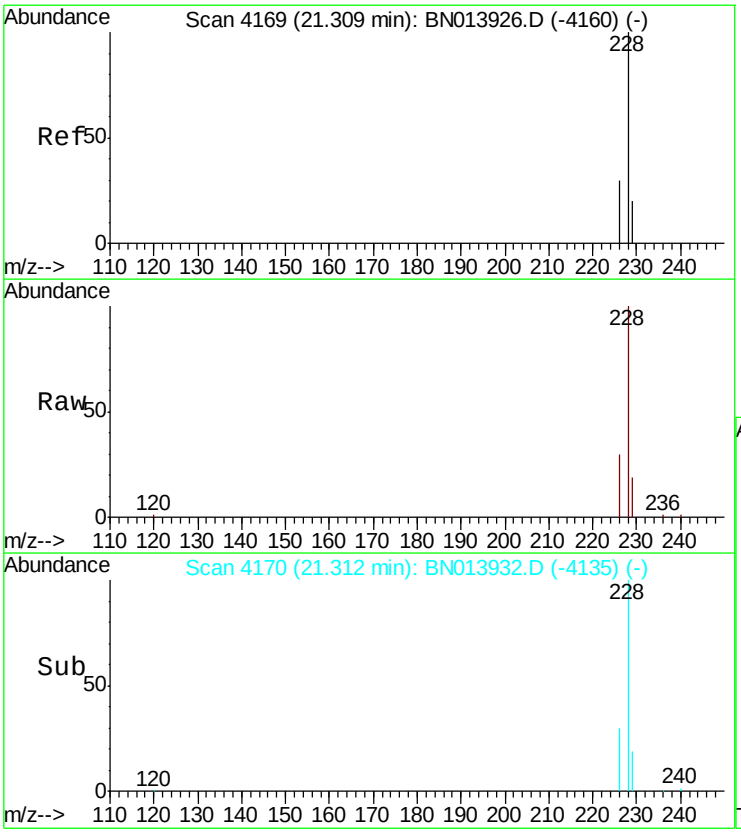
#21
Benzo(a)anthracene
Concen: 0.392 ng/ul
RT: 21.26 min Scan# 4152
Delta R.T. 0.00 min
Lab File: BN013932.D
Acq: 12 Mar 2021 16:33

Instrument :
BNA_N
ClientSampleId :
SLCS983

Tgt Ion:228 Resp: 20271

Ion	Ratio	Lower	Upper
228	100		
229	19.9	15.5	23.3
226	27.2	21.5	32.3

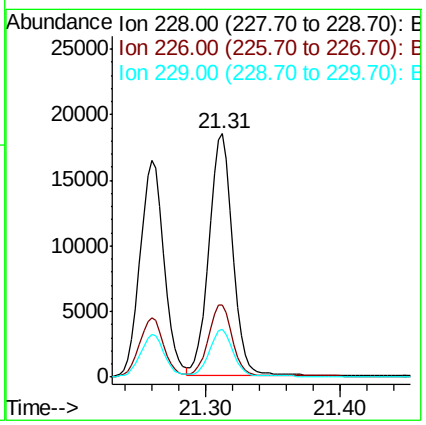


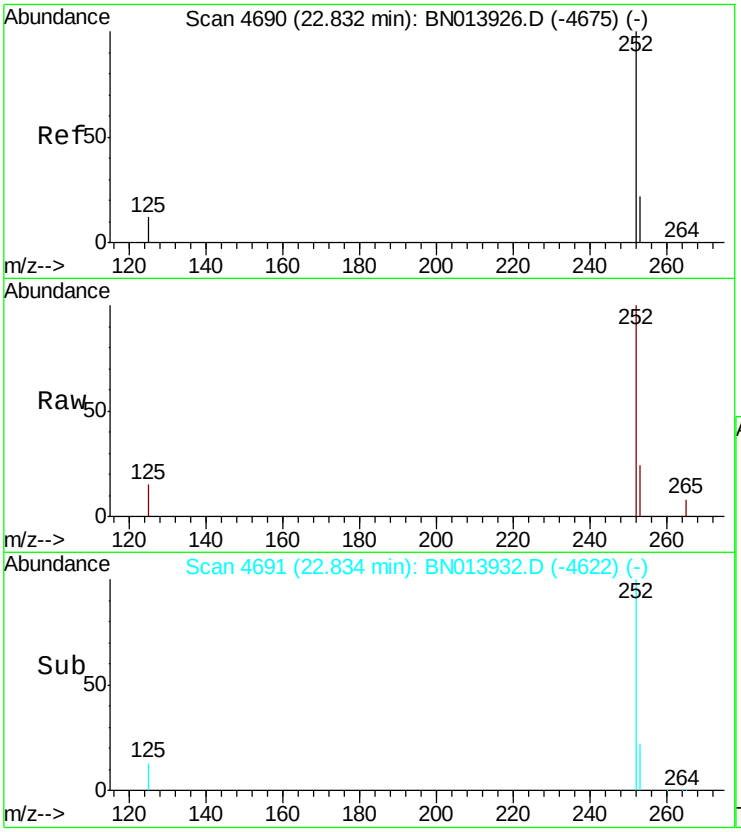


#22
Chrysene
Concen: 0.401 ng/ul
RT: 21.31 min Scan# 4170
Delta R.T. 0.00 min
Lab File: BN013932.D
Acq: 12 Mar 2021 16:33

Tgt Ion:228 Resp: 22933

Ion	Ratio	Lower	Upper
228	100		
226	29.9	24.4	36.6
229	19.5	15.8	23.8



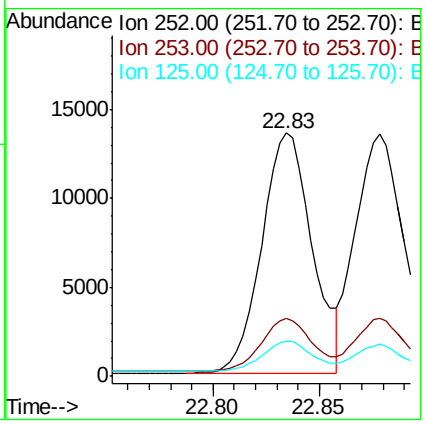


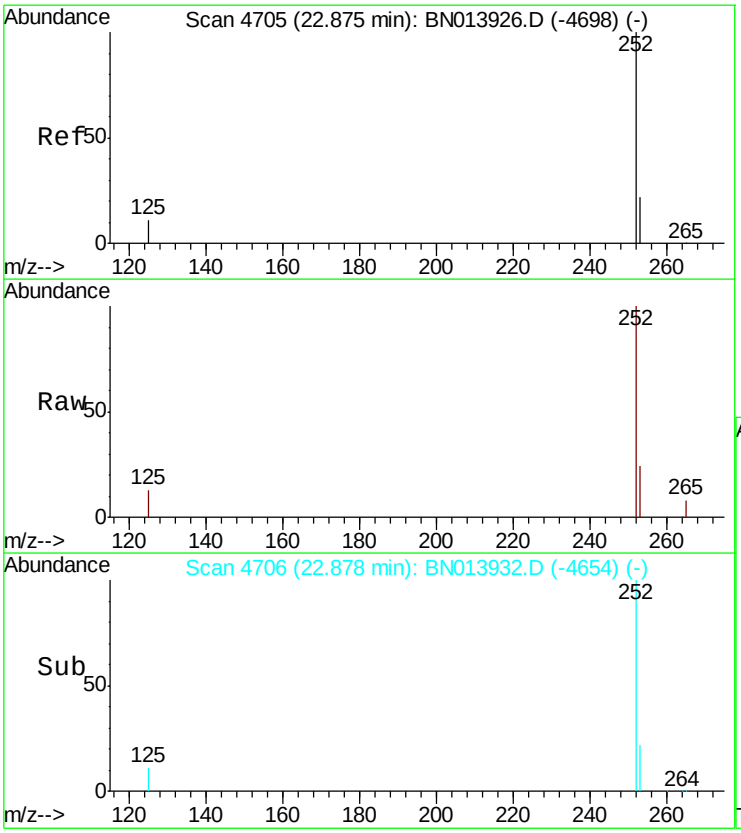
#24
Benzo(b)fluoranthene
Concen: 0.415 ng/ul
RT: 22.83 min Scan# 4691
Delta R.T. 0.00 min
Lab File: BN013932.D
Acq: 12 Mar 2021 16:33

Instrument :
BNA_N
ClientSampleId :
SLCS983

Tgt Ion:252 Resp: 22161

Ion	Ratio	Lower	Upper
252	100		
253	24.0	0.0	47.4
125	14.5	0.0	27.8

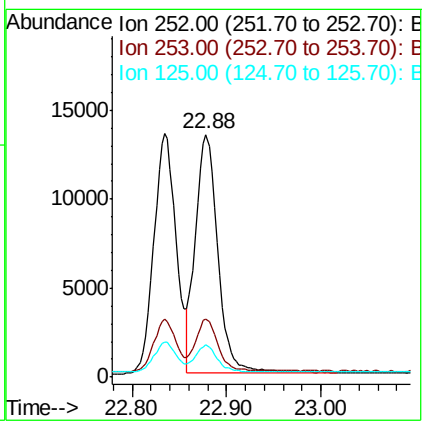


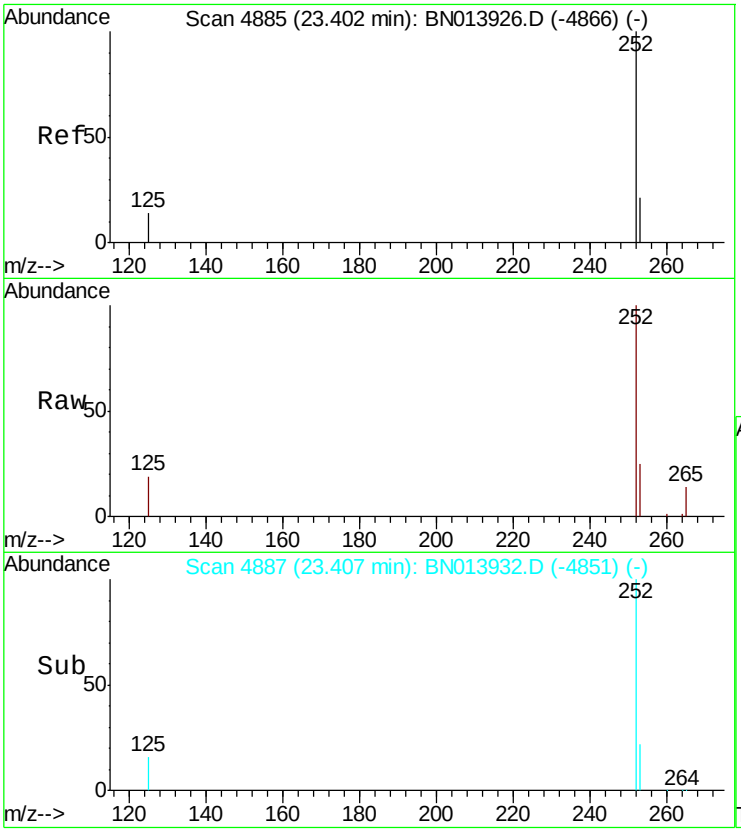


#25
Benzo(k)fluoranthene
Concen: 0.410 ng/ul
RT: 22.88 min Scan# 4706
Delta R.T. 0.00 min
Lab File: BN013932.D
Acq: 12 Mar 2021 16:33

Tgt Ion:252 Resp: 22133

Ion	Ratio	Lower	Upper
252	100		
253	23.8	19.0	28.6
125	13.1	10.5	15.7



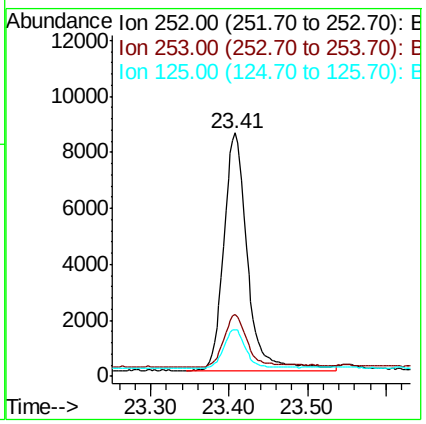


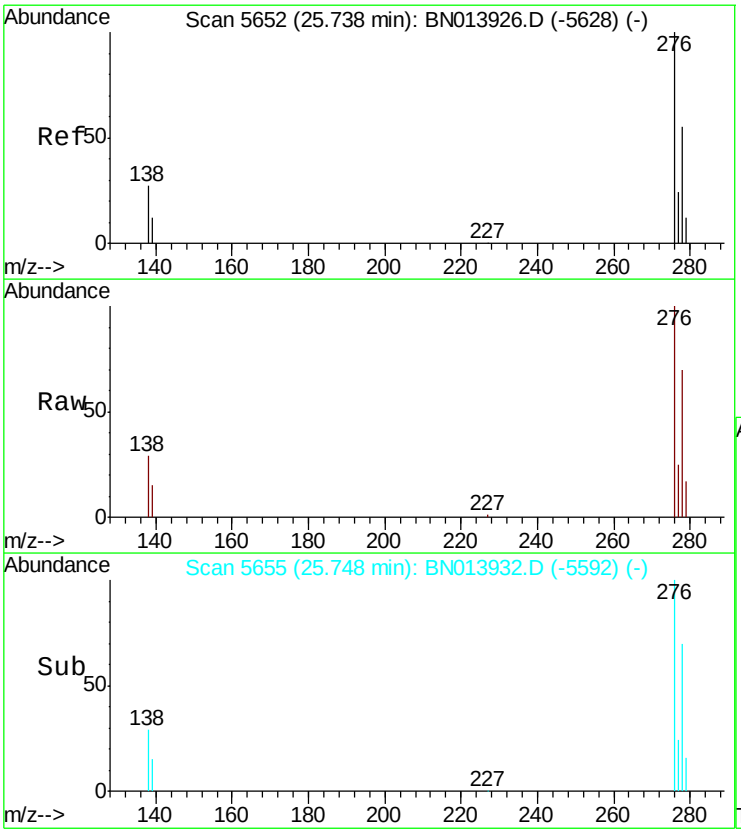
#26
Benzo(a)pyrene
Concen: 0.415 ng/ul
RT: 23.41 min Scan# 4887
Delta R.T. 0.01 min
Lab File: BN013932.D
Acq: 12 Mar 2021 16:33

Instrument :
BNA_N
ClientSampleId :
SLCS983

Tgt Ion:252 Resp: 17973

Ion	Ratio	Lower	Upper
252	100		
253	25.2	19.8	29.6
125	19.4	13.7	20.5

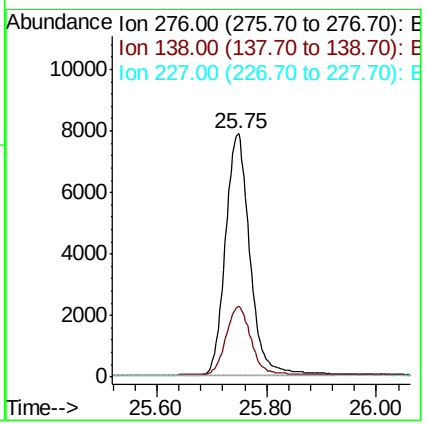


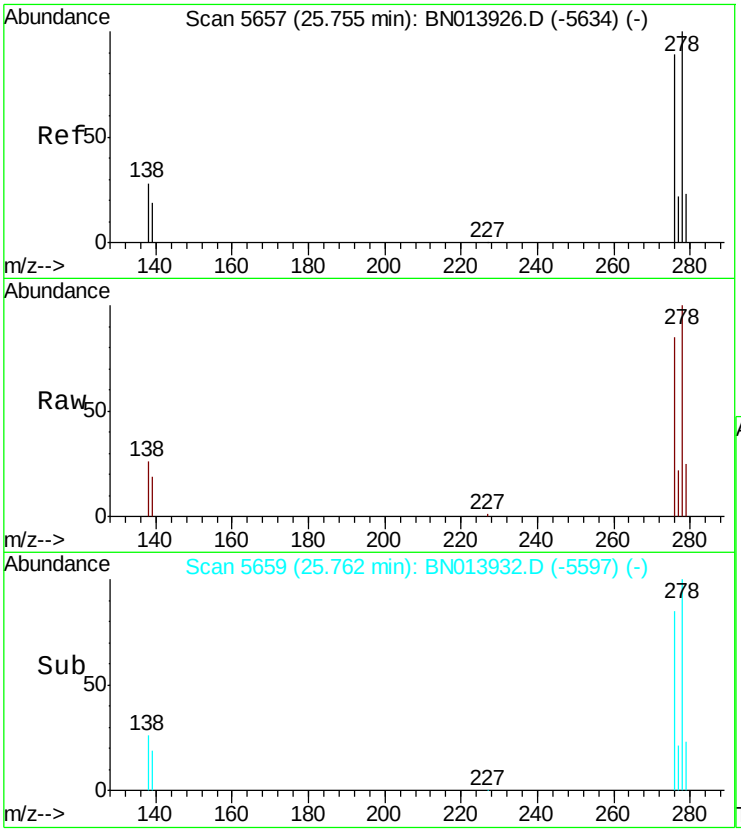


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.426 ng/ul
RT: 25.75 min Scan# 5655
Delta R.T. 0.01 min
Lab File: BN013932.D
Acq: 12 Mar 2021 16:33

Tgt Ion:276 Resp: 24483

Ion	Ratio	Lower	Upper
276	100		
138	28.9	23.4	35.0
227	0.1	0.0	0.0#



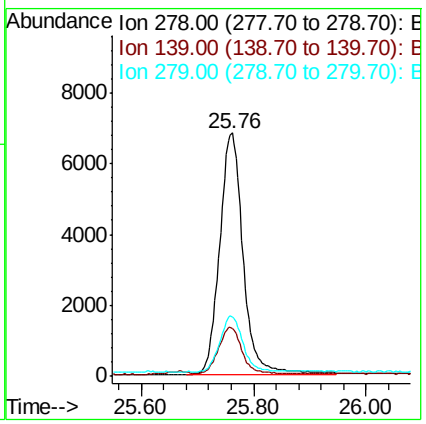


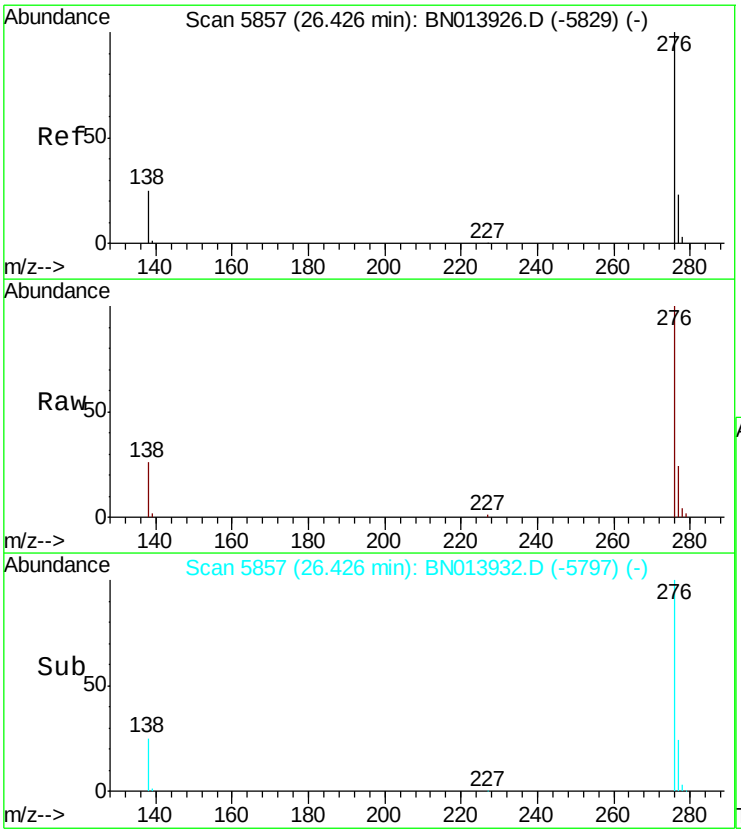
#28
Dibenzo(a,h)anthracene
Concen: 0.425 ng/ul
RT: 25.76 min Scan# 5659
Delta R.T. 0.01 min
Lab File: BN013932.D
Acq: 12 Mar 2021 16:33

Instrument :
BNA_N
ClientSampleId :
SLCS983

Tgt Ion:278 Resp: 19721

Ion	Ratio	Lower	Upper
278	100		
139	19.4	16.3	24.5
279	24.6	20.1	30.1





#29
Benzo(g,h,i)perylene
Concen: 0.416 ng/ul
RT: 26.43 min Scan# 5857
Delta R.T. -0.00 min
Lab File: BN013932.D
Acq: 12 Mar 2021 16:33

Tgt Ion:276 Resp: 21278

Ion	Ratio	Lower	Upper
276	100		
138	26.2	20.8	31.2
277	24.4	19.4	29.2